	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

Project Name: Low Voltage Electric Motors Spares Supply and Delivery Scope of Work

Project Address: *Kusile Power Station, R545 Kendal/Balmoral Road, Haartebeesfontein Farm, Witbank 1035*

Scope of the project: Supply and Delivery of Low Voltage Electric Motors Spares

Eskom Contract's Manager

Eskom's Health and Safety Manager

Name:

Name:

Signature:

Signature:

Date:

Date:

Eskom's Procurement Manager

Eskom's Safety Officer

Name:

Name:

Signature:

Signature:

Date:

Date:

Eskom's Quality Manager

Eskom's Environmental Manager

Name:

Name:

Signature

Signature:


Date:

Date:

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		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		


CONTENTS

<u>1. INTRODUCTION</u>	.....
<u>2. SUPPORTING CLAUSES</u>	.....
2.1 SCOPE	.....
2.2 NORMATIVE/INFORMATIVE REFERENCES	.....
2.3 ABBREVIATIONS	.....
2.4 RELATED/SUPPORTING DOCUMENTS	.....
<u>3. DOCUMENT CONTENT</u>	.....
3.1 SCOPE OF WORK	.....
3.2 LEGAL COMPLIANCE	.....
3.3 APPOINTMENTS	.....
3.5 RISK ASSESSMENTS	.....
3.6 INCIDENT INVESTIGATION
3.7 EMERGENCY MANAGEMENT
<u>4. AUTHORIZATION</u>
<u>5. REVISIONS</u>

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

1. INTRODUCTION

Eskom Kusile Power Station's responsibility and commitment is to ensure a safe working environment is in line with its Safety, Health, Environmental and Quality Policy, along with legislative obligations.

This SHE specification is Eskom Kusile Power Station's minimum requirements which are required to be met for the specific contract and for the duration of the contract period by contractors and where required, the delivery organisation.

Eskom in no way assumes the contractor's legal responsibilities. The contractor is and remains accountable for the quality and the execution of his/her health and safety programme for his/her employees and appointed contractor employees.

This SHE specification reflects minimum requirements and should not be construed as all encompassing.

Note 1: All the requirements listed hereunder are in relation to the contract and do not supersede or replace any organizational SHE requirements.

Note 2: In terms of Eskom requirements, a section of this professional contract falls within the requirements of the Construction Regulations.

Although there are requirements listed in this specification that do not pertain directly to air charter, the requirements are expect of an air charter contractor business to conform to. These requirements are in line with Eskom's Zero Harm value.

Where requirements listed are already in place, then the organisational requirements must be taken cognisance of and listed in the respective SHE plans. If there are any additional Eskom and or legislative requirements listed in the SHE specification, then these must be addressed.

2. SUPPORTING CLAUSES


2.1 SCOPE

This SHE specification lists the legislative and Eskom requirements and where applicable, any requirements pertaining to Local Authorities / Municipal by-laws / Environmental legislation that must be met by the contractor.

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

2.1.1 Purpose

To indicate OHS requirements applicable to the supply and delivery of spares to Kusile Power Station

2.1.2 Applicability

This SHE specification is applicable to all suppliers to supply and deliver goods to Kusile Power Station

2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

- [1] Basic Conditions of Employment Act No 75 of 1997.
- [2] Occupational Health and Safety Act and Regulations No 85 of 1993.
- [3] National Environmental Management Act 107 of 1998.
- [4] National Road Traffic Act 93 of 1996.
- [5] 32-37 Eskom Substance Abuse Procedure.
- [6] Civil Aviation Act 13 of 2009.
- [7] Air Services Licence Act 115 of 1990.

2.2.2 Informative


- [8] 32-726 Contracts and Contractor OHS Management Standard
- [9] 240-62196227 Eskom Life Saving Rules
- [10] Tobacco Products Control Act 83 of 1993 (Updated 2011.05.19)
- [11] SANS 1186 Symbolic Safety Signs
- [12] Constitution of the Republic of South Africa No 108 of 1996
- [13] 32-95 Eskom Procedure Manual for Performing Occupational Health & Safety Management: Conducting EH&S Incident Management,

Definitions

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

Definition	Explanation
Appointed contractor	Means a contractor appointed by the principal contractor
Baseline risk assessment	(32-520) baseline operational risks refer to the health and safety risks associated with all standard processes and routine activities in the business
Client	Eskom representative (Internal – Asset Owner), also referred to as the contract administrator/custodian or agent or project manager (as defined in the contract). He/she is the person responsible for ensuring that the works or services are executed in terms of the contract, as well as adherence to legislation pertaining to the contract.
Competent person	(OHS Act) means any person having the knowledge, training, experience, and qualifications, specific to the work or task being performed, provided that, where appropriate, qualifications and training are registered in terms of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995)
Contractor – includes appointed contractor	means an employer as defined in section 1 of the Act who performs contract work and includes principal contractors
Consultant	means a person providing professional advice
Duty of care to the environment	(32-136) anybody who causes or has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing, or recurring. If such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, such person must minimise and rectify such pollution or degradation of the environment
Employee	(OHS Act) means, subject to the provisions of subsection (2), any person who is employed by or works for an employer and who receives or is entitled to receive any remuneration or who works under the direction or supervision of an employer or any other person
Employer	(OHS Act) means, subject to the provisions of subsection (2), any person who employs or provides work for any person and remunerates that person or expressly or tacitly undertakes to remunerate him/her, but excludes a TES (ex labour broker) as defined in section 1(1) of the Labour Relations Act 1956 (Act No. 28 of 1956)
Eskom requirements	a) Eskom requirements flowing from directives, policies, standards, procedures, specifications, work instructions, guidelines, or manuals
Hazard	(OHS Act) means a source of, or exposure to, danger
Hazard identification	(OHS Act) means the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed
Health and safety file	(OHS Act) means a file or other record, containing the information in writing required by the construction regulations.
Health and safety plan	(OHS Act) means a site, activity or project specific document plan in accordance with the client's health and safety specifications.
Health and safety specification	(OHS Act) means a site, activity or project specific document prepared by the client pertaining to all health and safety requirements related to construction work.

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

Health and safety requirements	means comprehensive health and safety requirements for a contract, project, site, and scope of work. This specification is intended to ensure the health and safety of persons, both workers and the public, and the duty of care to the environment. The health and safety requirements must be specific to each contract, project, site, and scope of work
Medical certificate of fitness	(OHS Act) means a certificate specific to the work to be performed and issued by an occupational health practitioner in the form of Annexure 3 of the construction regulations.
Medical surveillance	(OHS Act) means a planned programme or periodic examination (which may include clinical examinations, biological monitoring, or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner
Method statement	(OHS Act) means a written document detailing the key activities to be performed in order to reduce, as reasonably as practicable, the hazards identified in any risk assessment
Organisation	may be defined as a group of individuals (large or small) that is cooperating under the direction of executive leadership in accomplishment of certain common objects
Pre-job meetings	(34-227) means a meeting that is held prior to the commencement of the day's work and that is attended by all the relevant employees associated with the work task
Principal contractor	(In the text of this document) Means an employer, as defined in section 1 of the OHS Act, who intends to tender for or has signed a contract with Eskom for services rendered.
Provincial director	(OHS Act) means the provincial director as defined in Regulation 1 of the General Administrative Regulations under the Act
Responsible Manager	Is a Manager of a department, section or operating/business unit who has been appointed as part of the Eskom delegation of authority process with the aim to assist the applicable 16(2) assigned person in executing his/her duties in terms of the Occupational Health and Safety Act
Risk assessment	(OHS Act) means a programme to determine any risk associated with any hazard at a construction site in order to identify the steps needed to be taken to remove, reduce, or control such hazard.
Site	(34-228) means an Eskom department, unit, complex, building, specific project, work site, or the site where agents, clients, principal contractors, contractors, suppliers, vendors, and service providers provide a service to Eskom, directly or indirectly
Service provider	any private person or legal entity that provides any service(s) to Eskom for compensation
Task	(34-227) a segment of work that requires a set of specific and distinct actions for its completion
Toolbox talks	(34-227) where the team leader, after conducting pre-task planning, shares all the tasks at hand and discusses task allocation, the identified risks, and the control measures with all his/her team members on site before commencing a specific task and documenting the agreed strategy. (This shall be done to ensure common understanding of the tasks, risks, and control measures required.)

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

The Act	(OHS Act) means the Occupational Health and Safety Act No. 85 of 1993, as amended, and the Regulations thereto
Visitor	any person visiting a workplace with the knowledge of, or under the supervision of, an employer.

2.3 Abbreviations

Abbreviation	Description
BU	Business Unit
CE	Chief Executive
COID Act	Compensation for Occupational Injuries and Diseases Act
CR	Construction Regulations
DMR	Driven Machinery Regulations
DoL	Department of Labour (Inspection and Enforcement services – Provincial office)
EP	Emergency Preparedness
EAP	Employee Assistance Program
ERfW	Environmental Regulations for Workplaces
GAR	General Administrative Regulations
GSR	General Safety Regulations
HCS	Hazardous Chemical Substances
LDV	Light Delivery Vehicle
MSDS	Material Safety Data Sheets
NEMA	National Environmental Management Act
OHS Act	Occupational Health and Safety Act and Regulations, 85 of 1993
SABS	South African Bureau Standard
SANS	South African National Standard


2.5 Related/Supporting Documents

Eskom OHS Act section 37 (2) agreement (to be completed by the contract responsible manager).

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

3. Specification

3.1 Scope of work

A copy of the scope of works must be retained by the contractor.


Note: The contractor who will be awarded this contract will be known as the “principal contractor” and any contractor appointed by the principal contractor will be known as the “appointed contractor.”

Material	Equipment Long Description
0599050	MOTOR, ELECTRIC: POWER: 200 KW; SPEED: 1490 RPM; FRAME: 315S/M; CURRENT: 347-201 A; POTENTIAL: 400-690 V; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: 90 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K (B); DIRECTION: BI-DIRECTIONAL; TYPE: INDUCTION; PREMIUM EFFICIENCY PLUS-MULTI VOLTAGE MOTOR; MUST BE TRANSPORTED ACCORDING ADHERENCE TO THE ESKOM STANDARD; NAMELY THE TRANSPORT OF POWER STATION ELECTRIC MOTORS STANDARD (DOCUMENT NUMBER: 240-56361435) IS ENSURED; DRIVE-END BEARING: NU-319-C3; NON-DRIVE-END BEARING: 6316-C3
0644055	MOTOR, ELECTRIC: POWER: 200 KW; SPEED: 985 RPM; FRAME: 315L/X; CURRENT: 365 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 90 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X1; TYPE: SQUIRREL CAGE
0644056	MOTOR, ELECTRIC: POWER: 155 KW; SPEED: 2980 RPM; FRAME: 315M; CURRENT: 270 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X2; TYPE: SQUIRREL CAGE
0623355	MOTOR, ELECTRIC: POWER: 185 KW; SPEED: 1485 RPM; FRAME: 315L; CURRENT: 317.7 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 90 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0644054	MOTOR, ELECTRIC: POWER: 185 KW; SPEED: 985 RPM; FRAME: 315; CURRENT: 330.3 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 14 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X4; TYPE: SQUIRREL CAGE
0644279	MOTOR, ELECTRIC: POWER: 165 KW; SPEED: 1500 RPM; FRAME: 315M; CURRENT: 275 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 85 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: H; PHASE: 3; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; IEC 60072; TYPE: SQUIRREL CAGE INDUCTION; LS4 HI-SPEC; TESTS: SABS 1804-1 AND 2
0635129	MOTOR, ELECTRIC: POWER: 160 KW; SPEED: 1490 RPM; FRAME: 315S/M; CURRENT: 278 A; POTENTIAL: 400 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 85 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 10001744919 REV 0; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY
0620966	MOTOR, ELECTRIC: POWER: 160 KW; SPEED: 2980 RPM; FRAME: 315M; CURRENT: 269 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: 65 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI/TEFC; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION; SUPPLY DATA SHEET ON DELIVERY
0620962	MOTOR, ELECTRIC: POWER: 160 KW; SPEED: 1485 RPM; FRAME: 315M; CURRENT: 275 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: 85 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI/TEFC; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION; FOR DRAWINGS AND DESIGN REFER TO ESKOM DOCUMENT NUMBER: 203-9570; SUPPLY DATA SHEET ON DELIVERY

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0568158	MOTOR, ELECTRIC: POWER: 132 KW; SPEED: 1480 RPM; FRAME: 315S; CURRENT: 228.6 A; POTENTIAL: 400 VDC; MOUNTING: IMB3, FOOT; ENCLOSURE RATING: IP65; SHAFT SIZE: 85 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: LS4 310-4AH; MANUF P/N: YPEL54310-4AH; REFERENCE NO: 4507 156/001/GF; ACTOM, STACKER I/C MOTOR
0644053	MOTOR, ELECTRIC: POWER: 117 KW; SPEED: 1488 RPM; FRAME: 315M; CURRENT: 245 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 80 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X9-; TYPE: SQUIRREL CAGE; SUPPLY WITH RAIN COVER
0623362	MOTOR, ELECTRIC: POWER: 90 KW; SPEED: 1480 RPM; FRAME: 280S; CURRENT: 158.3 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 80 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0623363	MOTOR, ELECTRIC: POWER: 90 KW; SPEED: 985 RPM; FRAME: 315S; CURRENT: 160.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 85 MM; CONNECTION LOCATION: TOP; POLES: 6; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0641263	MOTOR, ELECTRIC: POWER: 90 KW; SPEED: 1485 RPM; FRAME: 280S/M; CURRENT: 158 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 80 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: J-1; TYPE: SQUIRREL CAGE; WITH PTC SENSOR

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0636519	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 2970-2075-2975 RPM; FRAME: 280S/M; CURRENT: 135-129-126-77.7-74.8 A; POTENTIAL: 380-400-415/660-690 VAC; MOUNTING: B3T; ENCLOSURE RATING: IPW55; SHAFT SIZE: DIA 65 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: W22
0644278	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 1500 RPM; FRAME: 250M; CURRENT: 132 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: H; PHASE: 3; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; IEC 60072; TYPE: SQUIRREL CAGE INDUCTION; LS4 HI-SPEC; TESTS: SABS 1804-1 AND 2
0620965	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 1475 RPM; FRAME: 250M; CURRENT: 132 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; DIRECTION: BI-DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION; SUPPLY DATA SHEET ON DELIVERY
0641262	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 1475 RPM; FRAME: 250S/M; CURRENT: 130 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X12; TYPE: SQUIRREL CAGE
0641264	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 1475 RPM; FRAME: 250S/M; CURRENT: 132 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X13; TYPE: SQUIRREL CAGE; WITH PTC SENSOR
0634490	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 1409 RPM; FRAME: D250M; CURRENT: 132 A; POTENTIAL: 380 VAC; MOUNTING: V1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 70 X LG 140 MM; CONNECTION LOCATION: SIDE; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; TYPE: INDUCTION

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0623369	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 2970 RPM; FRAME: 250M; CURRENT: 132 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS5
00636519	MOTOR, ELECTRIC: POWER: 75 KW; SPEED: 2970-2075-2975 RPM; FRAME: 280S/M; CURRENT: 135-129-126-77.7-74.8 A; POTENTIAL: 380-400-415/660-690 VAC; MOUNTING: B3T; ENCLOSURE RATING: IPW55; SHAFT SIZE: DIA 65 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: W22
0635374	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 2975 RPM; FRAME: 250S; CURRENT: 94 A; POTENTIAL: 400/690 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: RIGHT; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: SANS 1804-1/2; MODEL NO: PPA 250 S602; REFERENCE NO: 11L0C038A03
0636520	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 1475 RPM; FRAME: 280S/M; CURRENT: 97.1-56.3 A; POTENTIAL: 400/690 VAC; MOUNTING: B5LE; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL
0634048	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 2885 RPM; FRAME: 250SM; CURRENT: 96 A; POTENTIAL: 400 VAC; MOUNTING: IM3011; V1 FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: EXNA II T3; INSULATION CLASS: F; PHASE: 3; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC; TYPE: SQUIRREL CAGE INDUCTION; SUPPL P/N: M3GP250-SMB

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0619942	<p>MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 1475 RPM; FRAME: 250S/M; CURRENT: 97.1-56.3 A; POTENTIAL: 400-690 VAC; MOUNTING: B3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 65 X M6 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: SAFE ZONE; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; APPLICATION: INTERMEDIATE CONVEYORS AT ASH PLANT SYSTEM; W22-IE2 HIGH EFFICIENCY; FREQUENCY: 50HZ; LOCKED ROTOR TORQUE: 220 PCT; BREAKDOWN TORQUE: 270 PCT; NOISE LEVEL: 66DBA; FULL LOAD TORQUE: 356 NM; FRONT BEARINGS: 6316-C3 AND REAR BEARINGS: 6314-C3; COLOUR: G29; POWER FACTOR: 0.84; EFFICIENCY: 94 PCT; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS</p>
0140059	<p>MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 2955 RPM; FRAME: 250S/M; CURRENT: 103 A; POTENTIAL: 380 VAC; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 60 X LG 140 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: F; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC; TYPE: INDUCTION; SUPPL P/N: LA6253-2AA-AAAA; 55 KW; BLHOLE CENTRES 350 MM X 400 MM; 350 MM PARALLEL TO SHAFT AXIS; CENTRE OF SHAFT TO MOUNTING SURFACE 245 MM; CONNECTION DELTA; 50 HZ; COMPLETE SCHEDULE B FORM AND PROVIDE THE DATASHEET</p>

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0619942	MOTOR, ELECTRIC: POWER: 55 KW; SPEED: 1475 RPM; FRAME: 250S/M; CURRENT: 97.1-56.3 A; POTENTIAL: 400-690 VAC; MOUNTING: B3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 65 X M6 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: SAFE ZONE; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; APPLICATION: INTERMEDIATE CONVEYORS AT ASH PLANT SYSTEM; W22-IE2 HIGH EFFICIENCY; FREQUENCY: 50HZ; LOCKED ROTOR TORQUE: 220 PCT; BREAKDOWN TORQUE: 270 PCT; NOISE LEVEL: 66DBA; FULL LOAD TORQUE: 356 NM; FRONT BEARINGS: 6316-C3 AND REAR BEARINGS: 6314-C3; COLOUR: G29; POWER FACTOR: 0.84; EFFICIENCY: 94 PCT; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS
0634205	MOTOR, ELECTRIC: POWER: 50 KW; SPEED: 1480 RPM; FRAME: 250M; CURRENT: 89 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; SPECIFICATION: DM1 250M4; TYPE: INDUCTION; SUPPL P/N: 206.01146310
0634533	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 1475 RPM; FRAME: 225S; CURRENT: 80.7 A; POTENTIAL: 400 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 64 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; TEMPERATURE CLASS: B
0635123	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 1475 RPM; FRAME: 225 S/M; CURRENT: 80.7 A; POTENTIAL: 400 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 1001744902 REV 0; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVERY
0636517	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 2965 RPM; FRAME: 225M; CURRENT: 78.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0644052	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 1475 RPM; FRAME: 225M; CURRENT: 78.7 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X26; TYPE: SQUIRREL CAGE
0635123	MOTOR, ELECTRIC: POWER: 45 KW; SPEED: 1475 RPM; FRAME: 225 S/M; CURRENT: 80.7 A; POTENTIAL: 400 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 1001744902 REV 0; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVERY
0620781	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 2954 RPM; FRAME: 200ML; CURRENT: 66 A; POTENTIAL: 400 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 2; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; TYPE: INDUCTION; SUPPL P/N: 3GKP201450-AD61141482-09461; EX DE IIC T4; NON-SPARKING; FLAME AND EXPLOSION PROOF; SUPPLY WITH IECEX CERTIFICATE
0641271	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 2960 RPM; FRAME: 225M; CURRENT: 67.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X27; TYPE: SQUIRREL CAGE
0139731	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1475 RPM; FRAME: 225 S/M; CURRENT: 65.1 A; POTENTIAL: 400 V 50 HZ; MOUNTING: B3 FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 60 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; DIRECTION: BI; TYPE: RECLAMATION PUMP

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0635128	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1475 RPM; FRAME: 225 S/M; CURRENT: 66.6 A; POTENTIAL: 400 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 10001744896 REV 0; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY
0621097	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1500/1475 RPM; FRAME: 225 S/M; CURRENT: 61.1 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TYPE: INDUCTION
0623361	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1475 RPM; FRAME: 225S; CURRENT: 65.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; TYPE: LS4 HI-SPEC
0644955	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 985 RPM; FRAME: 250S; CURRENT: 69.5 A; POTENTIAL: 400 V; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; POLES: 6; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS5
0673827	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1470 RPM; FRAME: 200L; CURRENT: 68.3-39.6 A; POTENTIAL: 400/690 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55MM X M6; CONNECTION LOCATION: SIDE; CLASSIFICATION: ASH AND DUST; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; TYPE: TEFC; TORQUE: 250PCT; NOISE LEVEL: 65DB(A); FRONT BEARING 6312-C3; AND REAR BEARING 6212Z-C3; COLOUR: G29; RATED TORQUE: 240NM; POWER FACTOR: 0.84 AT 100PCT LOAD; EFFICIENCY: 92PCT; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0634659	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 1470 RPM; FRAME: 200L; CURRENT: 68.3-39.6 A; POTENTIAL: 400/690 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 X M6 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: ASH AND DUST; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; TYPE: TEFC; APPLICATION: SILO 4-6 BAG FILTER FAN DRIVE; FREQUENCY: 50HZ; LOCKED TORQUE: 230PCT; BREAKDOWN TORQUE: 250PCT; NOISE LEVEL: 65DB(A); FRONT BEARING 6312-C3; AND REAR BEARING 6212Z-C3; COLOUR: G29; RATED TORQUE: 240NM; POWER FACTOR: 0.84 AT 100PCT LOAD; EFFICIENCY: 92PCT; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C
0644059	MOTOR, ELECTRIC: POWER: 37 KW; SPEED: 985 RPM; FRAME: 250S/M; CURRENT: 5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 70 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: MFDm; TYPE: SQUIRREL CAGE; SUPPLY HAZARDOUS AREA CERTIFICATE
0634206	MOTOR, ELECTRIC: POWER: 35 KW; SPEED: 1750 RPM; FRAME: 200S; CURRENT: 183 A; POTENTIAL: 220 VAC; MOUNTING: FLANGE HORIZONTAL; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; INSULATION CLASS: F; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: DC; REFERENCE NO: GNRFE-200S/3; SUPPL P/N: 70.0100.06-05025
0644060	MOTOR, ELECTRIC: POWER: 33 KW; SPEED: 1478 RPM; FRAME: 225S; CURRENT: 68 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X32-1; TYPE: SQUIRREL CAGE; SUPPL P/N: 1LGA220-4AA64-Z
0641272	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2963 RPM; FRAME: 200L; CURRENT: 49.2 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X40; TYPE: SQUIRREL CAGE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0639687	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2955 RPM; FRAME: 200L; CURRENT: 53 A; POTENTIAL: 400/690 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: RHS; POLES: 2; INSULATION CLASS: 155(F); PHASE: 2; CASING MATERIAL: CI GRAY; SERVICE FACTOR: S1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034; SUPPL P/N: 1LG4207-2AA90-Z; MILL REJECTION SYSTEM PUMP MOTOR
0620383	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1485 RPM; FRAME: 200L; CURRENT: 56 A; POTENTIAL: 400 VAC; MOUNTING: B3; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS
0634049	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1475 RPM; FRAME: 200ML; CURRENT: 58 A; POTENTIAL: 380 VAC; MOUNTING: IM3001; V1 FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC; TYPE: SQUIRREL CAGE INDUCTION; SUPPL P/N: M3BP200MLA/4
0623356	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1465 RPM; FRAME: 200L; CURRENT: 53.8 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0623364	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 2940 RPM; FRAME: 200L; CURRENT: 53.1 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0634049	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1475 RPM; FRAME: 200ML; CURRENT: 58 A; POTENTIAL: 380 VAC; MOUNTING: IM3001; V1 FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC; TYPE: SQUIRREL CAGE INDUCTION; SUPPL P/N: M3BP200MLA/4

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0641273	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 5.1 RPM; FRAME: 100; CURRENT: 5.6 A; POTENTIAL: 400 VAC; MOUNTING: B3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 140 MM; CONNECTION LOCATION: TOP; POLES: 4; DIRECTION: BI DIRECTIONAL; SPECIFICATION: CLF B3 EFF1; TYPE: GEARBOX DRIVE; SUPPL P/N: HBF-MB-00-028-1
0634622	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1470 RPM; FRAME: 200L; CURRENT: 56.3-32.6 A; POTENTIAL: 400/690 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 55 X M6 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: ASH AND DUST; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: W22-IE1; TYPE: TEFC; APPLICATION: SILO 1-3 BAG FILTER FAN DRIVE; FREQUENCY: 50HZ; LOCKED TORQUE: 210PCT; BREAKDOWN TORQUE: 260PCT; NOISE LEVEL: 65DB(A); FRONT BEARING 6312-C3; AND REAR BEARING 6212Z-C3; COLOUR: G29; RATED TORQUE: 195NM; POWER FACTOR: 0.84 AT 100PCT LOAD; EFFICIENCY: 91.5PCT; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C
0620383	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1485 RPM; FRAME: 200L; CURRENT: 56 A; POTENTIAL: 400 VAC; MOUNTING: B3; ENCLOSURE RATING: IP55; SHAFT SIZE: 55 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS
00623356	MOTOR, ELECTRIC: POWER: 30 KW; SPEED: 1465 RPM; FRAME: 200L; CURRENT: 53.8 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 55 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0644956	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1465 RPM; FRAME: 180L; CURRENT: 40.7 A; POTENTIAL: 400 V; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: 48 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS5

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0644061	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1460 RPM; FRAME: 160L; CURRENT: 26 A; POTENTIAL: 400 VAC; MOUNTING: IMB5; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X49; TYPE: SQUIRREL CAGE; SUPPL P/N: 1LG6206-2MA64-Z
0579207	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1485 RPM; FRAME: IE2-WEIR 200L 45WTPM; CURRENT: 44/25.5 A; POTENTIAL: 400-690 VAC; MOUNTING: BOLTED; ENCLOSURE RATING: IP65; CONNECTION LOCATION: ROOF TOP; PHASE: 3; SERVICE FACTOR: 0.78; SPECIFICATION: IEC/EN60034-1; MANUF P/N: 199509/0005H
0644957	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 2940 RPM; FRAME: 180M; CURRENT: 40.9-23.5 A; POTENTIAL: 380/660 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP55; SHAFT SIZE: 48 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: W22
0644045	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 1460 RPM; FRAME: 160L; CURRENT: 40 A; POTENTIAL: 400 VAC; MOUNTING: IMB5; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X53; TYPE: SQUIRREL CAGE
0635376	MOTOR, ELECTRIC: POWER: 22 KW; SPEED: 2935 RPM; FRAME: 180M; CURRENT: 40 A; POTENTIAL: 400-690 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: 48 MM; CONNECTION LOCATION: RHS; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: SANS 1804-1/2; MODEL NO: LS5183-2A; REFERENCE NO: 4181219/004/CD

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0644062	MOTOR, ELECTRIC: POWER: 18.5 KW; SPEED: 1470 RPM; FRAME: 180M; CURRENT: 35 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 48 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X59; TYPE: SQUIRREL CAGE; SUPPL P/N: 1LG6183-4MA60-Z
0639115	MOTOR, GEARED: POWER: 18.5 KW; CURRENT: 43 A; OUTPUT SPEED: 1.2 RPM; RATIO: 1267:1; POTENTIAL: 400 V; MOTOR SPEED: 1460 RPM; MOUNTING: GEAR MOUNTING(IM V1/1/A); ENCLOSURE RATING: IP 66; PHASE: 3; GEARBOX TYPE: HELICAL; CONNECTION LOCATION: SIDE; DIRECTION: BI DIRECTIONAL; INSULATION CLASS: ISO F; SHAFT: DIA 137 MM; MOTOR TYPE: SQUIRREL CAGE; POLES: 4; SERVICE FACTOR: S1; SPECIFICATION: MD09/13-173G2912; MANUF P/N: D16XA4W; REFERENCE NO: MD09/13-173G2912; GEAR MOUNTING
0639642	MOTOR, ELECTRIC: POWER: 18.5 KW; SPEED: 1465 RPM; FRAME: 180M; CURRENT: 35.5 A; POTENTIAL: 400 V; MOUNTING: B3 HORIZONTAL; ENCLOSURE RATING: IP66; SHAFT SIZE: 1.4021. 1.4404. 43.30, 43.31; CONNECTION LOCATION: LEFT; PHASE: 3; TEMPERATURE CLASS: AMBIENT; SPECIFICATION: 18.50-IP55-1500-IMB3; TYPE: VACUUM PUMP; OEM P/N: UD1003/717/6821; REFERENCE NO: LPHX65327
0641270	MOTOR, ELECTRIC: POWER: 18.5 KW; SPEED: 2935 RPM; FRAME: 160L; CURRENT: 29.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X61; TYPE: SQUIRREL CAGE
0639690	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1460 RPM; FRAME: 160L; CURRENT: 29 A; POTENTIAL: 400 VAC; MOUNTING: IMB5; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI-DIRECTIONAL; TYPE: SQUIRREL CAGE; DRAWING NO: A10-B02-C19-K17-K30-K94-L1B-M94 REV 0; SUPPL P/N: 1LA7166-4AA91-Z; MILL FEEDER CONVEYOR; DELTA; MOTOR TO BE SUPPLIED WITH IA CERTIFICATE; POWER FACTOR 0.84; 50 HZ; EX TD A21, EXT IIIC T125 DEG C DB

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0581651	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 3000 RPM; FRAME: 160; CURRENT: 26 A; POTENTIAL: 400 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: SIDE; POLES: 2; INSULATION CLASS: 1CLF; PHASE: 3; TEMPERATURE CLASS: T4; MANUF P/N: M3KP160MLC2 IMV1/IM3011; EX DE IIC T4, MOTOR TO BE NON-SPARKING, FLAME AND EXPLOSION PROOF, ALSO SUPPLY MOTOR WITH IECEX CERTIFICATE. CALL SYSTEM ENGINEER FOR INSPECTION UPON ARRIVAL
0585012	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 3000 RPM; FRAME: 100; CURRENT: 74.5 A; POTENTIAL: 220 VDC; MOUNTING: FLANGE; ENCLOSURE RATING: IP54; SHAFT SIZE: 48 MM; CONNECTION LOCATION: SIDE; SERVICE FACTOR: S1; TEMPERATURE CLASS: T4; MANUF P/N: D-GNFZE 2220/2; EX DE IIC T4, MOTOR TO BE NON-SPARKING, FLAME AND EXPLOSION PROOF, ALSO SUPPLY MOTOR WITH IECEX CERTIFICATE. CALL SYSTEM ENGINEER FOR INSPECTION UPON ARRIVAL
0635126	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1465 RPM; FRAME: 160L; CURRENT: 28.7 A; POTENTIAL: 400 VAC; MOUNTING: B3T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 1001776184 REV 0; DATA SHEET SHOULD BE SUPPLIED ON EVERY DELIVERY
0634038	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 1465 RPM; FRAME: 160L; CURRENT: 30 A; POTENTIAL: 400 VAC; MOUNTING: HORIZONTAL; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 4; PHASE: 3; SERVICE FACTOR: 1.15; TYPE: SQUIRREL CAGE; REFERENCE NO: 1000709863
0623357	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 970 RPM; FRAME: 180L; CURRENT: 29.6 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 48 MM; CONNECTION LOCATION: TOP; POLES: 6; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0634045	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2917 RPM; FRAME: 160M; CURRENT: 27.8 A; POTENTIAL: 400 VAC; MOUNTING: IM1001 B3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; PHASE: 3; DIRECTION: BI-DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION; APPLICATION: GLAND STEAM SUCTION EXHAUST FANS; MATERIAL SUPERSEDED: 0670685
0644063	MOTOR, ELECTRIC: POWER: 15 KW; SPEED: 2935 RPM; FRAME: 160M; CURRENT: 27 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X68; TYPE: SQUIRREL CAGE
0639691	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1500 RPM; FRAME: 160M; CURRENT: 19.8 A; POTENTIAL: 400/690 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F-B; PHASE: 3; CASING MATERIAL: ALUMINIUM; SERVICE FACTOR: S1; DIRECTION: BI-DIRECTIONAL; SUPPL P/N: 1LA7163-4AA64-Z; MILL HYDRAULIC OIL PUMP
0639688	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 963 RPM; FRAME: 160L; CURRENT: 22.54 A; POTENTIAL: 400/690 VAC; MOUNTING: IMB5; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 6; INSULATION CLASS: F-B; PHASE: 3; CASING MATERIAL: ALUMINIUM; SERVICE FACTOR: S1; DIRECTION: BI-DIRECTIONAL; DRAWING NO: B02-B23-C19-C23-K30-K50-L12-L68 REV 0; SUPPL P/N: 1LA7166-6AA61-Z; MILL LUBE OIL PUMP MOTOR; MATERIAL SUPERSEDED: M000213890
0644827	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2935 RPM; FRAME: 160M; CURRENT: 20.4 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION
0644044	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1460 RPM; FRAME: 160M; CURRENT: 21.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X73; TYPE: SQUIRREL CAGE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

00644044	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1460 RPM; FRAME: 160M; CURRENT: 21.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X73; TYPE: SQUIRREL CAGE
0634043	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2930 RPM; FRAME: 160M; CURRENT: 21.1 A; POTENTIAL: 380 V; MOUNTING: FF-300; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: H; PHASE: 3; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: 11411384; TYPE: INDUCTION
0623365	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2930 RPM; FRAME: 160M; CURRENT: 19.6 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0636518	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2930-2935-2940 RPM; FRAME: 160M; CURRENT: 21.1-20.4-20.1-12.1-11.8 A; POTENTIAL: 380-400-415/660-690 VAC; MOUNTING: B3T; ENCLOSURE RATING: IPW55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: W22
0644840	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1470 RPM; FRAME: 160M; CURRENT: 21.1 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: SHYBP; TYPE: SQUIRREL CAGE
0638272	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2950 RPM; FRAME: 160M; CURRENT: 21 A; POTENTIAL: 230/400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 90 MM; CONNECTION LOCATION: TOP; POLES: 2; DIRECTION: BI DIRECTIONAL

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0581655	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 3000 RPM; FRAME: 160; CURRENT: 19.5 A; POTENTIAL: 400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: 1CLF; PHASE: 3; TEMPERATURE CLASS: T4; MANUF P/N: M3KP 160MLA-2; EX DE IIC T4, MOTOR TO BE NON-SPARKING, FLAME AND EXPLOSION PROOF, ALSO SUPPLY MOTOR WITH IECEX CERTIFICATE. CALL SYSTEM ENGINEER FOR INSPECTION UPON ARRIVAL
0639691	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1500 RPM; FRAME: 160M; CURRENT: 19.8 A; POTENTIAL: 400/690 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F-B; PHASE: 3; CASING MATERIAL: ALUMINIUM; SERVICE FACTOR: S1; DIRECTION: BI-DIRECTIONAL; SUPPL P/N: 1LA7163-4AA64-Z; MILL HYDRAULIC OIL PUMP
00636518	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 2930-2935-2940 RPM; FRAME: 160M; CURRENT: 21.1-20.4-20.1-12.1-11.8 A; POTENTIAL: 380-400-415/660-690 VAC; MOUNTING: B3T; ENCLOSURE RATING: IPW55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: W22
0639691	MOTOR, ELECTRIC: POWER: 11 KW; SPEED: 1500 RPM; FRAME: 160M; CURRENT: 19.8 A; POTENTIAL: 400/690 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F-B; PHASE: 3; CASING MATERIAL: ALUMINIUM; SERVICE FACTOR: S1; DIRECTION: BI-DIRECTIONAL; SUPPL P/N: 1LA7163-4AA64-Z; MILL HYDRAULIC OIL PUMP
0634044	MOTOR, ELECTRIC: POWER: 8.9 KW; SPEED: 1500 RPM; FRAME: 160L; CURRENT: 45 A; POTENTIAL: 220 VDC; MOUNTING: IMV1; ENCLOSURE RATING: IP54; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: EXNA II T3; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: EN 60034; TYPE: DC; SUPPL P/N: GNFZE-160L/4

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0635127	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1455 RPM; FRAME: 132M; CURRENT: 14.1 A; POTENTIAL: 400 VAC; MOUNTING: B5T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 10002086637 REV 0; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY
0635127	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1455 RPM; FRAME: 132M; CURRENT: 14.1 A; POTENTIAL: 400 VAC; MOUNTING: B5T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 10002086637 REV 0; DATA SHEET SHOULD BE SUPPLIED WITH EVERY DELIVERY
0623358	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1440 RPM; FRAME: 132M; CURRENT: 14.8 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0623358	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1440 RPM; FRAME: 132M; CURRENT: 14.8 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0635122	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1480 RPM; FRAME: 132M; CURRENT: 14.9 A; POTENTIAL: 400 VAC; MOUNTING: B5; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; DIRECTION: BI-DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: P13AC001 REV 0; DATA SHEET SHALL BE SUPPLIED WITH EVERY DELIVERY
0620382	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 1470 RPM; FRAME: 132M; CURRENT: 14.8 A; POTENTIAL: 400 VAC; MOUNTING: HORIZONTAL; ENCLOSURE RATING: IP55; SHAFT SIZE: 38 MM; CONNECTION LOCATION: LEFT HAND SIDE; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0635885	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 970 RPM; FRAME: 160M; CURRENT: 16.6 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; POLES: 6; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE; REFERENCE NO: 110623254; MOTOR SHOULD INCLUDE A PTC SENSOR
0623359	MOTOR, ELECTRIC: POWER: 7.5 KW; SPEED: 2890 RPM; FRAME: 132S; CURRENT: 13.7 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0634621	BRAKE: TYPE: FLEXOMAX G; DRAWINGS; DATASHEET AND MANUALS REQUIRED ON EVERY DELIVERY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
0642268	MOTOR, BRAKE: POWER: 7.5 KW; SPEED: 1455 RPM; FRAME: 132M; CURRENT: 14.8 A; POTENTIAL: 400 VAC; PHASE: 3; CLASSIFICATION: ZONE 21; REFERENCE NO: 1017117284; SUPPL P/N: 1141C120; PROTECTION: IP65; EXTDA21; BRAKE TO HAVE LIMIT SWITCHVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
0641259	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1460 RPM; FRAME: 132S; CURRENT: 10.1 A; POTENTIAL: 400 VAC; MOUNTING: IMV5; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: BA; TYPE: SQUIRREL CAGE
0648891	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1480 RPM; FRAME: 132S; CURRENT: 11.4 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP55; SHAFT SIZE: 38 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0644064	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1420 RPM; FRAME: 112M; CURRENT: 10.1 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1.15; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X95; TYPE: SQUIRREL CAGE
0635883	WINCH: TYPE: MOVING HEAD; CAPACITY: 3 T; DIMENSIONS: WD 1 M X LG 1.095 M X HT 752.4 MM; PART NO: 4835-302-SY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).
0623366	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 2880 RPM; FRAME: 132S; CURRENT: 10.2 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
00623366	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 2880 RPM; FRAME: 132S; CURRENT: 10.2 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS4 HI
0653435	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1500 RPM; FRAME: 132M; CURRENT: 11.4 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE VERTICAL; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; INSULATION CLASS: F; PHASE: 3; SPECIFICATION: 5AP 132S-47AA; TYPE: INDUCTION
0654114	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 970 RPM; FRAME: 132 SMB-4; CURRENT: 11.1 A; POTENTIAL: 400 V; MOUNTING: IMB3011; ENCLOSURE RATING: IP55; SHAFT SIZE: 38 MM; CONNECTION LOCATION: RH SIDE; DIRECTION: CLOCK WISE; TYPE: INDUCTION MOTOR; REFERENCE NO: 3GH092013T5504; SUPPL P/N: 3GBA133212-DB

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0616933	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1430 RPM; FRAME: 132S; CURRENT: 10.8 A; POTENTIAL: 400 VAC; MOUNTING: IM B; FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: 38 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: H/B RISE; PHASE: 3; CASING MATERIAL: CI; DIRECTION: CLOCK WISE
0614377	MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 2880 RPM; FRAME: 132S; CURRENT: 10.1 A; POTENTIAL: 400 V; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 38 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; TYPE: CAGE INDUCTION; MODEL NO: LS4 130-2AH; REFERENCE NO: 4165183/009/HG
0645373	MOTOR: TYPE: GEAR; OEM P/N: HTGD386127R0001, MANUFACTURER: GE STEAM POWER SERVICE; DRAWING NO: GGMV800413/101 REV 0; HTGD086494R0021/101 REV 0; TURBINE TURNING; WITH FREQUENCY CONVERTER; 2560 RPM
0634532	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 1440 RPM; FRAME: 112M; CURRENT: 8.32 A; POTENTIAL: 400 VAC; MOUNTING: FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 20 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; TEMPERATURE CLASS: B
0667193	MOTOR, ELECTRIC: POWER: 4 KW; SPEED: 2930 RPM; FRAME: 112M; CURRENT: 7.82/4.55 A; POTENTIAL: 400-690 V; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; POLES: 2; INSULATION CLASS: H; PHASE: 3; TEMPERATURE CLASS: 80K; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-30; REFERENCE NO: 4163219/003/CD; LS5112-2AH
0616935	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1420 RPM; FRAME: 100L; CURRENT: 6.44 A; POTENTIAL: 400 VDC; MOUNTING: IM B5 FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: H/B RISE; PHASE: 3; CASING MATERIAL: CI; DIRECTION: CLOCK WISE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0641255	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 2860 RPM; FRAME: 100L; CURRENT: 6.3 A; POTENTIAL: 400 VAC; MOUNTING: IM3001; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X118; TYPE: SQUIRREL CAGE
0614078	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1420 RPM; FRAME: 100L; CURRENT: 6.17 A; POTENTIAL: 380-400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP LH SIDE; CLASSIFICATION: SAFE ZONE; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; APPLICATION: ASH SLURRY TRANSFER PUMP; FREQUENCY: 50HZ; LOCKED ROTOR TORQUE: 320 PCT; BREAKDOWN TORQUE: 330 PCT; DESIGN: N; NOISE LEVEL: 53DBA; FULL LOAD TORQUE: 20.2 NM; FRONT BEARING: 6206-ZZ; AND REAR BEARING: 6205-ZZ; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C
0623368	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1435 RPM; FRAME: 100L; CURRENT: 6.41 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS5; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS
0644841	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1420 RPM; FRAME: 100L; CURRENT: 6.17 A; POTENTIAL: 400 V; MOUNTING: IMB14; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: X119; TYPE: SQUIRREL CAGE
0623368	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1435 RPM; FRAME: 100L; CURRENT: 6.41 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; SPECIFICATION: LS5; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0636224	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 2880 RPM; FRAME: 100L; CURRENT: 5.89-39.28 A; POTENTIAL: 400 VAC; MOUNTING: B3; ENCLOSURE RATING: IP56; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; INSULATION CLASS: H; PHASE: 3; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: VLS4101-2AU-M
0641254	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1430 RPM; FRAME: 100L; CURRENT: 6.57 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X125; TYPE: SQUIRREL CAGE
0644028	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1420 RPM; FRAME: 100L; CURRENT: 5.7 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP56; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X124-1; TYPE: SQUIRREL CAGE
0614078	MOTOR, ELECTRIC: POWER: 3 KW; SPEED: 1420 RPM; FRAME: 100L; CURRENT: 6.17 A; POTENTIAL: 380-400 V; MOUNTING: FOOT; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP LH SIDE; CLASSIFICATION: SAFE ZONE; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; APPLICATION: ASH SLURRY TRANSFER PUMP; FREQUENCY: 50HZ; LOCKED ROTOR TORQUE: 320 PCT; BREAKDOWN TORQUE: 330 PCT; DESIGN: N; NOISE LEVEL: 53DBA; FULL LOAD TORQUE: 20.2 NM; FRONT BEARING: 6206-ZZ; AND REAR BEARING: 6205-ZZ; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0619940	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1435 RPM; FRAME: 100L; CURRENT: 4.64-2.69 A; POTENTIAL: 400/690 VAC; MOUNTING: B5; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28J6 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: SAFE ZONE; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; SUPPL P/N: 12088118; APPLICATION: CONVEYOR AT ASH PLANT SYSTEM; W22-IE2 HIGH EFFICIENCY; FREQUENCY: 50HZ; LOCKED ROTOR TORQUE: 310 PCT; BREAKDOWN TORQUE: 320 PCT; DESIGN: N; NOISE LEVEL: 53DBA; FULL LOAD TORQUE: 14.6 NM; FROM BEARING: 6206-ZZ AND REAR BEARING: 6250-ZZ; DUTY CYCLE: S1; AMBIENT TEMPERATURE: - 20 TO 40 DEG C; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS
0616934	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1750 RPM; FRAME: 112D; CURRENT: 10.5 A; POTENTIAL: 220 VDC; MOUNTING: IM B5 FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 28 X LG 60 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; DIRECTION: CLOCK WISE; 2 LEAD TYPE P
0634046	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1420 RPM; FRAME: 100L; CURRENT: 4.95 A; POTENTIAL: 400 VAC; MOUNTING: B14FT130; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; PHASE: 3; DIRECTION: BI-DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION
0581652	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 950 RPM; FRAME: 112M; CURRENT: 5.2 A; POTENTIAL: 400 V; MOUNTING: IMB5; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: LH SIDE; CLASSIFICATION: EX DE IIC T4 GB; POLES: 6; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; TEMPERATURE CLASS: T4; DIRECTION: BI DIRECTIONAL; TYPE: INDUCTION; MANUF P/N: M3KP112MB6; MOTOR TO BE NON-SPARKING, FLAME AND EXPLOSION PROOF, ALSO SUPPLY MOTOR WITH IA CERTIFICATE. CALL SYSTEM ENGINEER FOR INSPECTION UPON ARRIVAL

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0248343	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 710 RPM; FRAME: 132S; CURRENT: 6.8 A; POTENTIAL: 380 V; MOUNTING: PAD; ENCLOSURE RATING: IP65; SHAFT SIZE: 38 MM; CONNECTION LOCATION: LH; POLES: 8; INSULATION CLASS: E; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; REFERENCE NO: 140.0711; SUPPL P/N: M132S38-8; REQUIRED FOR GENERATOR TRANSFORMER COOLING FANS; UNITS 1 TO 6
0644043	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1425 RPM; FRAME: 100L; CURRENT: 5 A; POTENTIAL: 400 VAC; MOUNTING: IMB14; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: LH; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE; SUPPLY HAZARDOUS AREA CERTIFICATE-ZONE21
0635884	MOTOR, GEARED: POWER: 2.2 KW; CURRENT: 8.6-4.95 A; OUTPUT SPEED: 485 RPM; RATIO: 2.89; POTENTIAL: 230/400 VAC; MOTOR SPEED: 1400 RPM; MOUNTING: M1; ENCLOSURE RATING: IP55; PHASE: 3; GEARBOX TYPE: SEW-RX67 DRS90L4; CONNECTION LOCATION: LEFT HAND SIDE; DIRECTION: BI-DIRECTIONAL; MOTOR TYPE: AC; POLES: 4; SERVICE FACTOR: 2.4
0643504	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1450 RPM; FRAME: 100L; CURRENT: 4.6 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: CBW; TYPE: SQUIRREL CAGE
0644058	MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1425 RPM; FRAME: 100L; CURRENT: 5 A; POTENTIAL: 400 VAC; MOUNTING: IMB5; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 28 MM; CONNECTION LOCATION: LH; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: CSLP; TYPE: SQUIRREL CAGE; SUPPLY HAZARDOUS AREA CERTIFICATE-ZONE21

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0635125	MOTOR, ELECTRIC: POWER: 1.5 KW; SPEED: 1440 RPM; FRAME: 90L; CURRENT: 3.26 A; POTENTIAL: 400 VAC; MOUNTING: B5T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 24 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 1001779505 REV 0; DATA SHEET SHOULD BE SUPPLIED IN EVERY DELIVERY
0635125	MOTOR, ELECTRIC: POWER: 1.5 KW; SPEED: 1440 RPM; FRAME: 90L; CURRENT: 3.26 A; POTENTIAL: 400 VAC; MOUNTING: B5T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 24 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 1001779505 REV 0; DATA SHEET SHOULD BE SUPPLIED IN EVERY DELIVERY
0644801	MOTOR, ELECTRIC: POWER: 1.5 KW; SPEED: 1420 RPM; FRAME: 90S; CURRENT: 3.45 A; POTENTIAL: 400 VAC; MOUNTING: IMB30; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 24 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X204; TYPE: SQUIRREL CAGE; ACTOM
0634047	MOTOR, ELECTRIC: POWER: 1.1 KW; SPEED: 2885 RPM; FRAME: 80; CURRENT: 2.15 A; POTENTIAL: 400 VAC; MOUNTING: B14FT130; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: SIDE; INSULATION CLASS: F; PHASE: 3; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: WE1R 80G2 LAIP10; TYPE: SQUIRREL CAGE INDUCTION; LUBE OIL VAPOUR EXTRACTOR FAN - UFAS-500S; MATERIAL SUPERSEDED BY 0705014 DUE TO RF PROCESS
0620789	MOTOR, ELECTRIC: POWER: 1.1 KW; SPEED: 1435 RPM; FRAME: 90S; CURRENT: 2.48 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 24 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 2; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; TYPE: INDUCTION; SUPPL P/N: M3KP90SLA4; EX DE IIC T4; NON-SPARKING; FLAME AND EXPLOSION PROOF; SUPPLY WITH IECEX CERTIFICATE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0641265	MOTOR, ELECTRIC: POWER: 1.1 KW; SPEED: 1410 RPM; FRAME: 90S; CURRENT: 2.6 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 24 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X151; TYPE: SQUIRREL CAGE
0244688	MOTOR, ELECTRIC: POWER: 1.1 KW; SPEED: 1400 RPM; FRAME: 90; CURRENT: 2.75 A; POTENTIAL: 380 V; MOUNTING: FLANGE B14; ENCLOSURE RATING: OPEN; SHAFT SIZE: 24 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SUPPL P/N: LS4 090-4AU; SOOTBLOWER; USE ON SOOTBLOWERS; C/W MODIFICATION WITH 3/4 INCH NPT MALE CONNECTOR
0643434	MOTOR, ELECTRIC: POWER: 0.75 KW; POTENTIAL: 400 VDC; MOUNTING: B14; SUPPL P/N: M3KP80MA2EXDEIIC-T4
0616838	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 1500 RPM; FRAME: 100/L4; CURRENT: 4.9 A; POTENTIAL: 220 VDC; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 28 XLG 60 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON HAZARDOUS; INSULATION CLASS: BF; PHASE: 3; CASING MATERIAL: CI; DIRECTION: BI DIRECTIONAL; TYPE: DC
0620778	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 2910 RPM; FRAME: 90; CURRENT: 1.4 A; POTENTIAL: 400 VAC; MOUNTING: HORIZONTAL; ENCLOSURE RATING: IP56; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 2; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; TYPE: INDUCTION; SUPPL P/N: ZGHV-90-LD-02K; EX DE IIC T4; NON-SPARKING; FLAME AND EXPLOSION PROOF; SUPPLY WITH IECEX CERTIFICATE; THERMISTORS INSTALLED (STILL STAND SHEIZONO 74V; 0.96A; 40W)

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0620788	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 1405 RPM; FRAME: 80L; CURRENT: 1.8 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 2; POLES: 2; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CI; TYPE: INDUCTION; SUPPL P/N: EADA80L/4A; EX DE IIC T4; NON-SPARKING; FLAME AND EXPLOSION PROOF; SUPPLY WITH IECEX CERTIFICATE; WITH SP WINDING IS/IN <8.0
0635124	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 1410 RPM; FRAME: 80; CURRENT: 1.63 A; POTENTIAL: 400 VAC; MOUNTING: B5T; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: IEC 60034-2-1-2007; TYPE: SQUIRREL CAGE INDUCTION; DRAWING NO: 1001779503 REV 0; DATA SHEET SHOULD BE SUPPLIED IN EVERY DELIVERY
0635373	MOTOR, ELECTRIC: POWER: 0.75 KW; SPEED: 1390 RPM; FRAME: 80M2-4; CURRENT: 3.39 A; POTENTIAL: 400/690 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP66; SHAFT SIZE: 19 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: S1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; MODEL NO: Y2E2; REFERENCE NO: IQQ21109-01/083
00639652	MOTOR, GEARED: POWER: 0.55 KW; CURRENT: 3.3 A; OUTPUT SPEED: 3.9 RPM; RATIO: 345:1; POTENTIAL: 400 VAC; MOTOR SPEED: 1346 RPM; MOUNTING: IM B5; ENCLOSURE RATING: IP66; GEARBOX TYPE: REDUCTION; DIRECTION: BI DIRECTIONAL; INSULATION CLASS: IP66; POLES: 4; SERVICE FACTOR: S1; SPECIFICATION: EN 60034; REFERENCE NO: D80S/4; SUPPL P/N: SK9033.1AZ; MILL FEEDER CLEANOUT CHAIN CONVEYOR
00641256	MOTOR, ELECTRIC: POWER: 0.55 KW; SPEED: 920 RPM; FRAME: 80; CURRENT: 1.7 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 6; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X170; TYPE: SQUIRREL CAGE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0641256	MOTOR, ELECTRIC: POWER: 0.55 KW; SPEED: 920 RPM; FRAME: 80; CURRENT: 1.7 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 6; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X170; TYPE: SQUIRREL CAGE
0616837	MOTOR, ELECTRIC: POWER: 0.51 KW; SPEED: 1403 RPM; FRAME: 80M; CURRENT: 1.34-0.78 A; POTENTIAL: 400/690 VAC; MOUNTING: V1 FLANGE; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 19 XLG 40 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: NON HAZARDOUS; INSULATION CLASS: BF; PHASE: 3; CASING MATERIAL: ALUMINIUM; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE INDUCTION
0641258	MOTOR, ELECTRIC: POWER: 0.5 KW; SPEED: 1360 RPM; FRAME: 56; CURRENT: 0.4 A; POTENTIAL: 400 VAC; MOUNTING: IMB14; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 9 MM; CONNECTION LOCATION: LH SIDE; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X175; TYPE: SQUIRREL CAGE
0636516	MOTOR, ELECTRIC: POWER: 0.45 KW; SPEED: 1470-1475 RPM; FRAME: 225 S/M; CURRENT: 83.4-80.7-79.5-48.0-46.8 A; POTENTIAL: 380-400-415/660-690 VAC; MOUNTING: B3T; ENCLOSURE RATING: IPW55; SHAFT SIZE: DIA 60 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: CS; SERVICE FACTOR: 1; TEMPERATURE CLASS: 80K; DIRECTION: BI DIRECTIONAL; REFERENCE NO: W22
0644046	MOTOR, ELECTRIC: POWER: 0.38 KW; SPEED: 1360 RPM; FRAME: 80; CURRENT: 1.25 A; POTENTIAL: 400 V; MOUNTING: IMB14; ENCLOSURE RATING: IP65; SHAFT SIZE: 19 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: F; PHASE: 3; DIRECTION: BI DIRECTIONAL; SPECIFICATION: DRBBM; TYPE: CONICAL ROTOR; SUPPLY HAZARDOUS AREA CERTIFICATE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0641260	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 1400 RPM; FRAME: 71; CURRENT: 1.2 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 14 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: CB-1; TYPE: SQUIRREL CAGE
0641261	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 2780 RPM; FRAME: 71M; CURRENT: 0.9 A; POTENTIAL: 400 VAC; MOUNTING: IMV18; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 14 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X9; TYPE: SQUIRREL CAGE
0660400	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 2800 RPM; FRAME: 71; CURRENT: 1.4 A; POTENTIAL: 380 V; MOUNTING: FLANGE; ENCLOSURE RATING: IP67; SHAFT SIZE: 10 MM; CONNECTION LOCATION: PLUG-SOCKET; POLES: 4; INSULATION CLASS: F; PHASE: 3; CASING MATERIAL: AL; SERVICE FACTOR: S2; 15MIN; TEMPERATURE CLASS: 135 DEG C; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: Z012.026; TYPE: SQUIRREL CAGE; SUPPL P/N: VDOO71-2/35-16/22RPM
0641260	MOTOR, ELECTRIC: POWER: 0.37 KW; SPEED: 1400 RPM; FRAME: 71; CURRENT: 1.2 A; POTENTIAL: 400 VAC; MOUNTING: IMV1; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 14 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: CB-1; TYPE: SQUIRREL CAGE
0644057	MOTOR, ELECTRIC: POWER: 0.25 KW; SPEED: 910 RPM; FRAME: 80; CURRENT: 0.79 A; POTENTIAL: 400 VAC; MOUNTING: FLANGE VERTICAL; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 19 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: ZONE 21; POLES: 6; INSULATION CLASS: H; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0636291	MOTOR, GEARED: POWER: 0.18 KW; CURRENT: 0.6 A; OUTPUT SPEED: 0.51 RPM; RATIO: 1410:0.51; POTENTIAL: 400/690 V; MOTOR SPEED: 1410 RPM; MOUNTING: FLANGE; ENCLOSURE RATING: IP55; PHASE: 3; GEARBOX TYPE: CAUB42-Z10; CONNECTION LOCATION: D; INSULATION CLASS: F; SHAFT: DIA 11 MM; MOTOR TYPE: SQUIRREL CAGE M1B4; MODEL NO: PS-AT; REFERENCE NO: 30 60HCB62AT001-M01; 30 60HCB63AT001-M01; 30 60HCB65AT001-M01; 30 60HCB66AT001-M01; SUPPL P/N: 004.9942; DELTA/STAR +- 10%; 50HZ; PF +- 0.73/0.74; GEARBOX ADVANCING SHAFT; MV 210; OIL TYPE CLP PG VG460; OIL QUANTITY 2700/150CM3; SHAFT AT THE RIGHT HAND SIDE; WITH ADAPTOR KIT; GEAR RATIO 2764.7
0644065	MOTOR, ELECTRIC: POWER: 0.09 KW; SPEED: 1360 RPM; FRAME: 56; CURRENT: 0.4 A; POTENTIAL: 400 VAC; MOUNTING: IMB14; ENCLOSURE RATING: IP65; SHAFT SIZE: DIA 9 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X187; TYPE: SQUIRREL CAGE
00639738	MOTOR, ELECTRIC: POWER: 0.09 KW; SPEED: 1360 RPM; FRAME: M2AA; CURRENT: 0.36 A; POTENTIAL: 380 VAC; MOUNTING: FLANGE B14; ENCLOSURE RATING: IP65; SHAFT SIZE: 20 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; SERVICE FACTOR: 1; TEMPERATURE CLASS: F-B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: 56 B 14S EX TD; SUPPL P/N: 245-13510-2
0644839	MOTOR, ELECTRIC: POWER: 160 KW; SPEED: 1490 RPM; FRAME: 315S/M; CURRENT: 278 A; POTENTIAL: 400 V; MOUNTING: IMB35; ENCLOSURE RATING: IP66; SHAFT SIZE: 85 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: SHPPM; TYPE: SQUIRREL CAGE
0644837	MOTOR, ELECTRIC: POWER: 9.2 KW; SPEED: 1465 RPM; FRAME: 200; CURRENT: 17 A; POTENTIAL: 400 V; MOUNTING: IMB14; ENCLOSURE RATING: IP65; SHAFT SIZE: 55 MM; CONNECTION LOCATION: SIDE; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: DRTDM; TYPE: SQUIRREL CAGE; REFERENCE NO: 50207830

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

0644836	MOTOR, ELECTRIC: POWER: 110 KW; SPEED: 1485 RPM; FRAME: 280M; CURRENT: 187.9 A; POTENTIAL: 400 V; MOUNTING: IMV5; ENCLOSURE RATING: IP66; SHAFT SIZE: 75 MM; CONNECTION LOCATION: LH; CLASSIFICATION: ZONE 21; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1; TEMPERATURE CLASS: B; DIRECTION: BI-DIRECTIONAL; SPECIFICATION: DRDM; TYPE: SQUIRREL CAGE; REFERENCE NO: 0J0C4905
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Non-negotiable tender Returnable

The following returnable are non-negotiable:

- Signed Annexure B
- OHS plan / OHS manual
- Baseline SHE risk assessment
- Valid letter of good standing or equivalent
- SHE policy (must be signed)
- Signed 37 (2) agreement

3.2 LEGAL COMPLIANCE

3.2.1 Section 37(2) (Legal) Agreement

A section 37(2) agreement must be signed between Eskom and the principal contractor at the time of awarding the contract. The principal contractor must ensure that a section 37(2) agreement is compiled between the principal contractor and all their appointed contractors for the contract.

The original copy of the section 37(2) agreement must be retained by the contractor and a copy retained by the responsible manager.

A copy all the agreements must form part of the respective contractor's SHE files.

3.2.2 Hazardous Work by Children (Child Labour)


The constitution of the Republic of South Africa, in the "Bill of Rights" is clear on the rights of children, especially when it comes to:

1. being protected from exploitative labour practices.
2. not to be required or permitted to perform work or provide services that
 - i. are inappropriate for a person of that child's age; or

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

ii. place at risk the child's well-being, education, physical or mental health or spiritual, moral or social development.
and the Basic Conditions of Employment Act, Chapter six Section 43 "Prohibition of employment of children".

Before resorting to the use of child labour, due consideration must be given to the rights of the child in terms of the constitution. Where work is being performed which is not prohibited in terms of the constitution, then such work must be conducted in terms of the OHS Act "Regulations on Hazardous Work by Children in South Africa" with emphasis on paragraph 2 Purpose and Interpretation. Eskom does not condone the use of child labour and therefore all effort must be exercised, and child labour should not be used.

3.2.3 OHS Act

The principal contractor and appointed contractors shall have an up-to-date copy of the OHS Act and regulations which will be available to all employees.

3.2.4 Legislative Compliance

All contractors will comply with all the legislation pertaining to this contract being:

- The Constitution of the Republic of South Africa (particularly Section 24 of the Bill of Rights).
- Occupational Health and Safety Act 1993 (Act 85 of 1993) and its Regulations.
- Compensation for Occupational Injuries and Diseases Act.

3.3 Kusile Power Station requirements


All contractors shall, before commencement of the charter ensure that all their employees are familiar with the relevant Eskom SHE documentation that is applicable to supply and delivery services.

- The contractor must submit a SHE Plan in line with the scope of work
- Company own organogram
- Relevant legal appointments
- Inspection reports/records of the vehicle used to transport goods
- Driver competencies to operate the vehicle
- Methodology/work instruction for off-loading goods
- Route risk assessment
- Where the off-loading is done by the goods operator a task risk assessment must be conducted and authorised by the end user/receiver of the goods
- Baseline risk assessment addressing all associated activities as per issued scope of work
- Valid medical certificates of fitness

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

- Valid letter of good standing
- All drivers must be competent risk assessors
- The contractor to provide a list of drivers to do deliveries
- All drivers must have First aid level 1
- Proof of company own induction
- Proof that vehicles meet legal requirements

3.3.1 Appointment of a Contractor

The appointed contractor will be appointed by Eskom Kusile Power Station on the awarding of the contract and will be responsible and accountable for all legislative and Eskom requirements for the duration of the contract.

3.3.2 Appointment of sub-contractors

The appointed contractor may appoint sub-contractors to assist in the contract. All appointments shall be done in writing and will form part of the SHE plans that is required to be submitted to Eskom. Adequate training and instruction must be given to the appointees and the principal contractor must ensure that all the appointed contractors understand their roles and responsibilities.

Note: Copies of contractor appointments must be kept in the respective SHE files.

3.3.3 SHE Policy

A SHE policy is a statement of intent and a commitment by the organisation's CE and senior management in relation to the relevant SHE roles and responsibilities, the achievement of their strategic objectives, values of integrity, customer satisfaction, excellence, and innovation.

The principal contractor and all appointed contractors, if already not in place, will be required to compile an organisational SHE policy in line with their SHE responsibilities. The policy must be signed by the organisation's CE or the appointed assistant to the CE OHS Act Section 16(2). The policy must be displayed in a prominent place within the workplace. A copy of the policy must be filed in all the contract SHE files and as an annexure the SHE Plans

3.3.4 COID

The principal contractor and all his/her appointed contractors shall be registered with an appropriate employment compensation commissioner and have available a valid letter of good standing (LoGS) from such commissioner. The obligation lies with the contractors to ensure that the LoGS remains valid throughout the contract period. A copy of the LoGS must be filed in the entire contract SHE files and as an annexure the SHE Plans.


3.4 PERSONNEL HEALTH / HYGIENE FACILITIES

N/A

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

3.4.1 Ablution facilities

N.A

3.4.2 Drinking Water

n/a

3.4.3 Changing areas and Lockers

N/A

3.4.4 Camp / Office Welfare

N.A

3.5 FOOD HANDLING HYGIENE

N/A

3.6 OCCUPATIONAL HEALTH, HYGIENE AND REHABILITATION,

All contractors are required to develop an Occupational Health, Hygiene and Rehabilitation program. The program is intended to ensure that the risks to health are identified and controlled.

3.6.1 Medicals


Note: Eskom will only accept medical surveillances conducted by an Occupational Health Practitioner who holds a qualification in occupational health.

1. Principle contractors must ensure that their and their appointed contractors have a medical surveillance program whereby their employees under go entry, periodic and exit medical fitness examinations.
2. For the appropriate medical examinations to be conducted, each employee must have a person job specification (profile), which must indicate the description of work, list of hazards and potential occupational exposure limits, physical hazards and required physical attributes.
3. For employees working on the contract, medical fitness certificates shall be renewed annually for employees who are not office bound including drivers and once every 3 years for employees that are office bound. This shall be maintained until completion of the contract.
4. The Principal Contractor must ensure that his / her employees and sub-contractor employees have undergone pre-entry medical examination before starting work on the contract, should it be for longer than three (3) days.
5. The principal contractor shall provide a documented process for managing those employees who are issued with a conditional certificate of fitness.

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

3.6.2 Health and wellness HIV / Aids

Contractors shall submit details of their Employee Health and Wellness Programme as part of their Health and Safety Plan which should include awareness training, support for contracted illness and sharing knowledge with members of the public in the immediate work environment

3.7 APPOINTMENTS

For the duration of the contract, the principal contractor and all appointed contractors shall appoint competent employees who will meet the requirements of the OHS Act. Where appointments are made, contractors shall ensure that the appointees have been suitably trained and or informed of their responsibilities before getting them to accept such appointment. The relevant statutory appointments shall be made in accordance with the requirements of the OHS Act which includes the requirement of a competent person being appointed in the relevant roles. The statutory appointments should include but not limited to: Fire Fighter and Evacuation warden, First Aider, 16(2) appointments.

3.8 ROLES AND RESPONSIBILITIES

All contractors are required to list employee's roles and responsibilities pertaining to the contract.

3.9 RISK ASSESSMENTS

It is a legal requirement in terms of Section 8 (2)(d) of the OHS Act for an employer to carry out risk assessments to establish what hazards to the health and safety of persons are attached to any work which is performed, any article or substance which is, handled, stored, transported. A risk assessment is defined as an identification of the hazards present in an organisation and an estimate of the extent of the risks involved, considering whatever precautions are already being taken. It is essentially a three-stage process:


- identification of all hazards.
- evaluation of the risks.
- measures to control the risks.

Risk assessments are required to be maintained. This means that significant changes to a process or activity, or any new process or activity should be subjected to a risk assessment and that if new hazards come to light during the work process, then these should also be subjected to risk assessments. Risk assessments for long term processes should be periodically reviewed and updated. Method statements or written safe work procedures are an effective method as information and record of the way jobs / tasks must be performed. Prior to start of work, risk assessments on every job / task are ideal to allow managers and employees to assess any inherent risks that could have been overlooked during the initial risk assessment or any changes that might have occurred in a period of absence. In particular, if a job / task is extended over a day or halted due to inclement weather.

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

3.10 INCIDENT INVESTIGATION

All incidents shall be investigated in terms of OHS Act General Administrative Regulations 8 and 9, using Eskom Procedure 32-95 as a reference, and where injuries as contemplated in sections 24 and 25 have been sustained, be reported to the Department of Labour.

Contractors shall use the standard General Administrative Regulation Annexure 1 "Recording of an Incident" form for all incident investigation reports. The objective of incident investigation, not only being a legal requirement, is to establish why and how the incident occurred, but to find out the real causes of the incident and to decide on precautionary measures that are required to address the causes to prevent any further recurrences of the same or similar incidents.

3.11 EMERGENCY MANAGEMENT

1. The art of emergency preparedness and response is to minimise the effects of any emergency and to restore normal activities as soon as practical. The supplier must develop their own emergency response in their work premises. The Eskom employees attending training must be made aware of the emergency process and the assembly points. Where any office and or site is located within any Local Authorities area, then the plans must include their involvement. Emergency preparedness

Periodic emergency drills must be undertaken to test the effectiveness of the plan. This must be recorded and provided on request.


3.11.1 Non-Conformance and Compliance

1. Any non-compliance to any health and safety requirement in this SHE specification is subject to discipline in terms of the Eskom Procurement and Supply Management Procedure.
2. Principal contractors are required to implement a non-conformance procedure (if not already in place) for issuing to contractors for transgressions. The procedure can include "quality" related non-conformance issues. Similarly, appointed contractors must implement a non-conformance procedure.
3. The procedure for the issuing and closing off non-conformance reports shall be strictly adhered to.
4. Contract management must close out non-conformances issued, in not doing so, will not ensure that any recommendations made have been carried out and or implemented.
5. Where non-conformances are issued by Eskom, then one of the close-out steps of the procedure will be for the offender to be called on by the contractor responsible manager to explain the non-conformance issued and what they intend doing to prevent a recurrence of the non-conformance.

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	Supply and Delivery of Low Voltage Electric Motors Spares Supply and Delivery Scope of Work	Template Identifier	240-73418055	Rev	2
		Document Identifier	XXX-XXXXX	Rev	2
		Effective Date	20 February 2016		
		Review Date	February 2023		

6. Contractor failure to provide adequate PPE to their employees for the tasks being performed and/or to visitors and failure to enforce the wearing of such PPE will be viewed as a transgression of the legislative and Eskom requirements.

3.11.2 QUALITY REQUIREMENTS

To ensure compliance to Quality Management System requirements, the following requirements shall be adhered to:

1. 240-109253698 CQP to be completed
2. 240-12248652 Category 2- List of tender returnable
3. 240-109253302 Quality Control Plan / Inspection and Test Plan (QCP/ITP)
4. QM 58_240-105658000 Supplier Quality Management Specifications
5. 240-68099512 Form A: The tenderer must complete and sign this form to acknowledge and accept Eskom Supplier Quality Requirements as per QM 58 Specification and ISO 9001 Standard

3.11.3 ENVIRONMENTAL REQUIREMENTS

- All the contractor and contract manager are responsible for all spillages that may be caused by their vehicles on site
- The contractor must comply with Kusile waste disposal procedure and environmental requirements.

4. AUTHORIZATION

Nil

5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2022	1	M Morena T Tsatsi	This provides the initial SHE specification requirements that must be met by the relevant contractors who have been awarded a contract for the work to be performed for Eskom.

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